Thursday, 7/26/2007 9:49:10 AM Date: Kim Johnston User **Process Sheet Drawing Name** : BEARING ASSEMBLY Customer : CU-DAR001 Dart Helicopters Services Job Number : 33736 : 11136 **Estimate Number** : D3183045 : N)A Part Number P.O. Number D3183 REV C1 : 7/26/2007 S.O. No. :NA **Drawing Number** This Issue : N/A Project Number Prsht Rev. : NA : MACHINED PARTS : C1 Type **Drawing Revision** First Issue : 31762 :NA Material Previous Run Each : 8/2/2007 Qty: 30 Um: **Due Date** Written By Checked & Approved By New issue KJ/DS 04.02.18 : Est Comment **Additional Product** Job Number: Description: Machine Or Operation: Seq. #: MDELRINR1000 Delrin Round Bar 1" Ÿ Comment: Qty.: 0.0350 f(s)/Unit Total: 1.0490 f(s) Delrin Round Bar 1" Material: Ø1.00 Delrin Rod (M-DELRIN-R1.000) Identify as D3183-9 Batch: 104346 2.0 HARDINGE Comment: HARDINGE CNC LATHE SMALL Turn D3183-9 Cap as per Folio FA388 Deburr QC2 3.0 Comment: INSPECT PARTS AS THEY COME OFF MACHINE 4.0 QC8 SECOND CHECK Comment: SECOND CHECK Bearing 5.0 D31835 Comment: Qty.: 1.0000 Each(s)/Unit Total: 30.0000 Each(s) Pick: **Qty Part Number** Description Batch D3183-5 Bearing

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W/O:		WORK ORDER CHANGES							
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
٠.									
Part No	:	PAR #: Fault Category: N	CR: Yes	s No DQA	\: <u>5</u>	Date: <u>(</u>	P/09/10		

QA: N/C Closed: ____ Date: ____

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Description of NC	Corrective Action Section B			Verification	Annroyal	Ammrough	
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspector	
						,			
					-				
								·	
				4.					

NOTE: Date & initial all entries

Thursday, 7/26/2007 9:49:11 AM Date: User: Kim Johnston **Process Sheet** Drawing Name: BEARING ASSEMBLY Customer: CU-DAR001 Dart Helicopters Services Job Number: 33736 Part Number: D3183045 Job Number: Description: Seq. #: **Machine Or Operation:** SMALL & MEDIUM FAB RESOURCE 1 SMALL FAB 1 6.0 Comment: SMALL & MEDIUM FAB RESOURCE 1 Press D3183-5 Bearing into D3183-9 Cap as per Dwg D3183. INSPECT WORK TO CURRENT STEP 7.0 QC5 Comment: INSPECT WORK TO CURRENT STEP PACKAGING RESOURCE #1 8.0 PACKAGING 1 32 X Comment: PACKAGING RESOURCE #1

Comment: PACKAGING RESOURCE #1
Identify and Stock
Location:____

QC21

9.0

Job Completion

FINAL INSPECTION/W/O RELEASE



Comment: FINAL INSPECTION/W/O RELEASE



W 57.89-10

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W/O:		WORK ORDER CHAP	WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
					1			
Part No	:	PAR #: Fault Category:	NCR: Yes	No DQ	A:	_ Date: _	· —————	

QA: N/C Closed: ____ Date: ___

NCR:		WORK ORDER NON-CONFORMANCE (NCR)							
		Decement on of NC		Corrective Action Section B		Verification	Ammarial	Ammroyal	
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	Approval QC Inspecto	
						-			
				,					

NOTE: Date & initial all entries

DART AEROSPACE LTD	Work Order:	33736
Description: Cap	Part Number:	D3183-9
Inspection Dwg: D3183 Rev: C1		Page 1 of 1

FIRST ARTICLE INSPECTION CHECKLIST

X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
Ø0.830	+/-0.005	0.830	1/			
Ø0.720	+/-0.002	0.720	V			
Ø0.747	+/-0.001	0.7465	/			
R0.010	+/-0.010	0.010				
R0.031	+/-0.010	0.031	<u> </u>			
0.199	+/-0.001	0.199				
0.276	+/-0.010	0.280	V_			
0.039	+/-0.010	0.045	/			

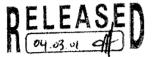
Measured by:	Audited by:	フト	Prototype Approval:	N/A
Date: 07/08/18	Date:	04/08/18	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	04.04.20	New Issue (P/O D3183-045)	KJ/RF	1
В	06.03.09	Dimension Ø0.830 was Ø0.850	KJ/JLM 🔏	[]

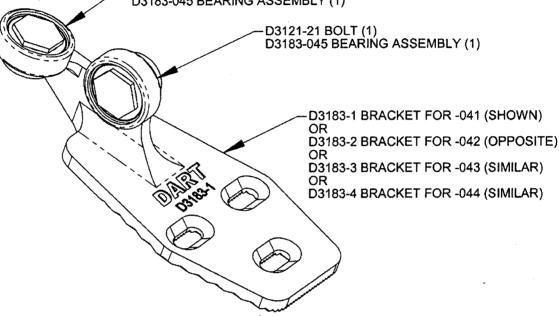




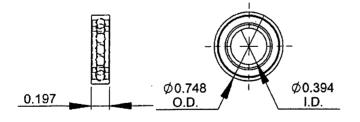
DE	#		DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		
CH			APPROVED	DRAWING NO.	REV. C SHEET 1 OF 4	
DA	04.02.17			BRACKET ASSEMBLY	SCALE 1:1	
,	A 03.01.24		3.01.24	NEW ISSUE		
	В	0:	3.06.17	REMOVE BEARING; 1.012 WS 0.8	82	
	C ,04.02.17		4.02.17	ADD -045/-9; 0.182 WAS 0.431	-	
	31	-11-11	= 04.11.09	0.830 WAS 0.850		



D3121-21 BOLT (1) D3183-045 BEARING ASSEMBLY (1)



D3183-041 BRACKET ASSEMBLY (SHOWN) D3183-042 BRACKET ASSEMBLY (OPPOSITE) D3183-043 BRACKET ASSEMBLY (SIMILAR) D3183-044 BRACKET ASSEMBLY (SIMILAR)



D3183-5 BEARING: SPECIFICATION CONTROL DRAWING

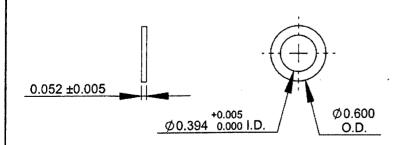
- 1) SINGLE ROW, DEEP GROOVE, SHOP COPY CONRAD TYPE, SHIELDED
- 2) POSSIBLE SUPPLIER: NSK P/N 680022 RN TO
- 3) ALL DIMENSIONS ARE IN INCHES NGINEERING

UNCONTROLLED COPY SUBJECT TO AMENDMENT

WITHOUT NOTICE

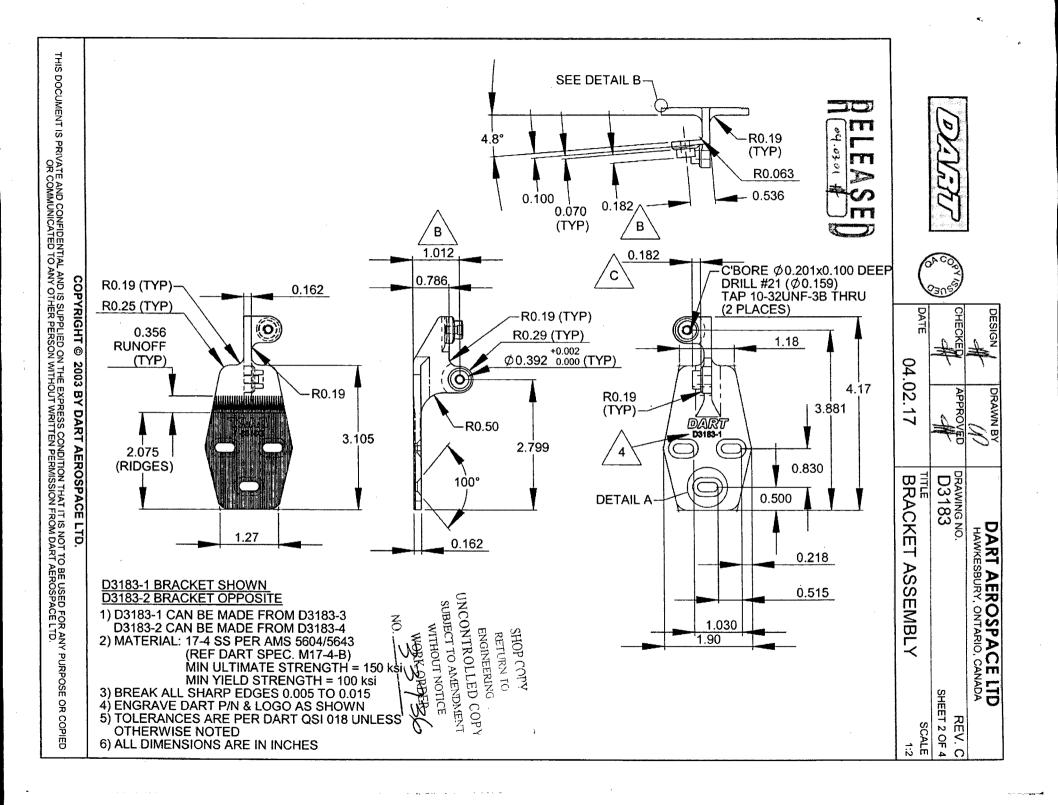


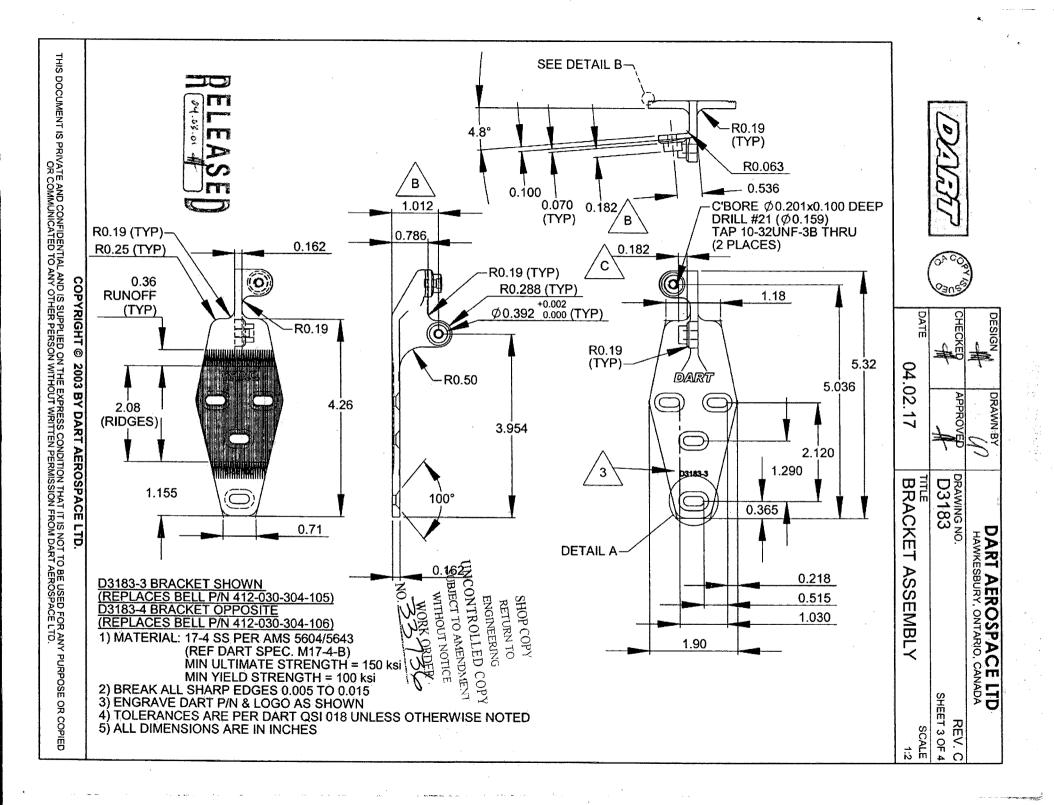
- WORK ORDER NO. 337
- 1) MATERIAL: AISI 303 ROUND BAR (M303R) **ANNEALED**
- 2) BREAK ALL SHARP EDGES 0.005 TO 0.010 3) TOLERANCES ARE PER DART QSI 018
- **UNLESS OTHERWISE NOTED**
- 4) ALL DIMENSIONS ARE IN INCHES



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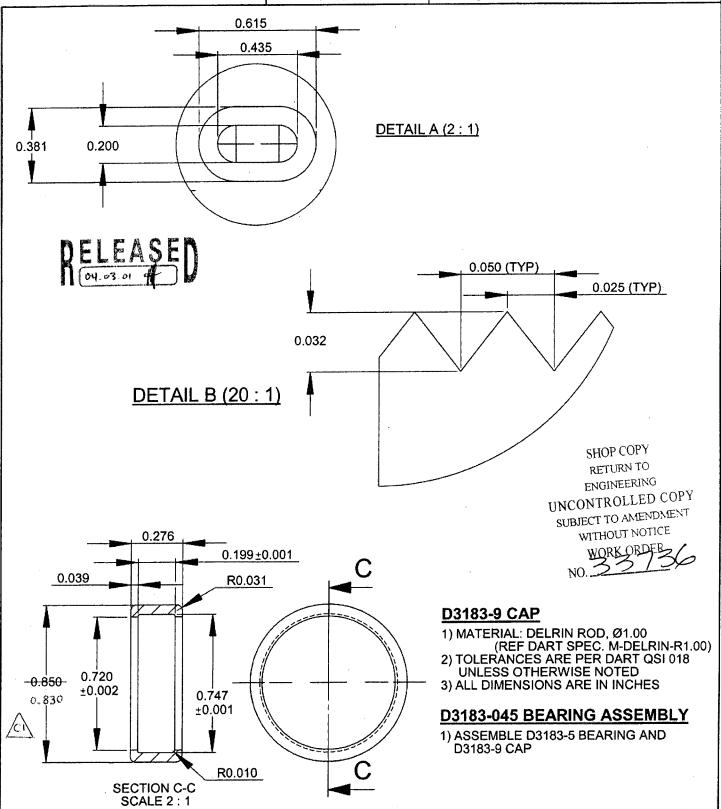








	DESIGN	DRAWN BY	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA				
)	CHECKED	APPROVED	DRAWING NO. D3183	REV. C SHEET 4 OF 4			
	DATE 04.0	02.17	BRACKET ASSEMBLY	SCALE 1:1			



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